



**Multi-State
Advanced Manufacturing
Consortium**

US DOL SPONSORED TAACCCT GRANT: TC23767
PRIMARY DEVELOPER: Jim Blair – Henry Ford College

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VERSION v 001
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Solid State Electronics – Unit 8: Zener Diodes and Voltage Regulation

Zener Regulation Lab

Construct a series circuit that has a Zener diode and resistor, predict and verify in the lab the Zener diode and voltage when the load resistor value and the voltage changes.

Please complete the AMTEC Zener Diode Regulation Lab listed on the AMTEC website.

Predict your values here:

Zener diode current and voltage when the load resistor changes.

Zener diode current and voltage when the source voltage changes.





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